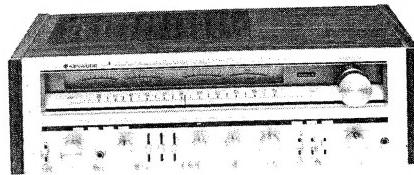
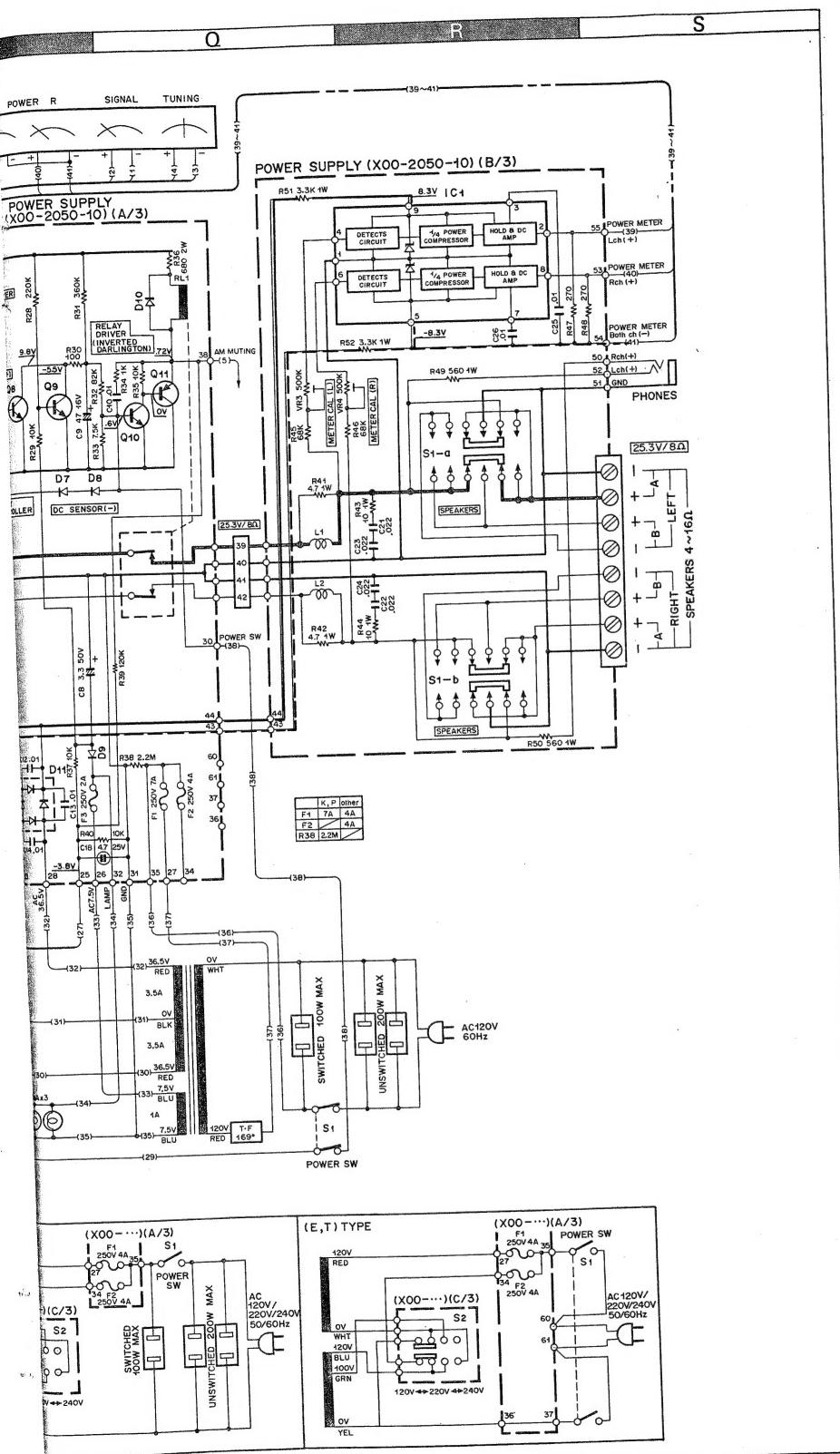


KR-7750/KR-7050



AMPLIFIER SECTION

Power Output

80 watts* per channel, minimum RMS, both channels driven at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.02% total harmonic distortion.

Both Channels Driven
into 8Ω at 1,000 Hz 85W + 85W

into 4Ω at 1,000 Hz 100W + 100W

Dynamic Power Output 360W at 4Ω

Total Harmonic Distortion

(20 Hz to 20,000 Hz from AUX)

rated power into 8Ω 0.02%

1W power into 8Ω 0.007%

Intermodulation Distortion

(60 Hz - 7 kHz = 4 : 1 SMPTE)

rated power into 8Ω 0.007%

1W power into 8Ω 0.009%

Slew Rate ±200 V/μsec

Rise Time 0.9 μsec

Damping Factor

(20 Hz - 20 kHz at 8Ω) 100

Input Sensitivity/Impedance

Phone 2.5 mV/50 kΩ

AUX and TAPE 200 mV/50 kΩ

MIC 3.6 mV/50 kΩ

Signal to Noise Ratio

(A weighted)

Phone 85 dB for 2.5 mV input

91 dB for 5.0 mV input

AUX and TAPE 108 dB for 200 mV input

MIC 72 dB for 2.2 mV input

Maximum Phono Input Level

at 1,000 Hz 200 mV (rms), THD 0.02%

Frequency Response

PHONO RIAA 20 Hz to 20,000 Hz ±0.2 dB

AUX and TAPE DC to 320 kHz -3 dB

Tone Control

Bass (at 250 Hz) ±12 dB at 50 Hz

Mid. ±10 dB at 800 Hz

Treble (at 2.5 kHz) ±12 dB at 15 kHz

Loudness Control

(VOL. -30 dB) +10 dB at 100 Hz

Subsonic Filter

(DC Coupled off) 18 Hz 6 dB/oct

High Filter 5 kHz 6 dB/oct

Output Level/Impedance

TAPE REC Out (Pin) 200 mV/300Ω

TAPE REC Out (DIN) 30 mV/80 kΩ

F M TUNER SECTION

Usable Sensitivity 10.3 dBf (1.8 μV)

50 dB Quieting Sensitivity

Mono 16.1 dBf (3.5 μV)

Stereo 37.9 dBf (43 μV)

Signal to Noise Ratio at 65 dB

Mono 83 dB

Stereo 75 dB

77 dB at 10 mV input

Total Harmonic Distortion

Mono 0.08%

Stereo 0.09%

Frequency Response 30 Hz to 15,000 Hz +0.5 dB

Capture Ratio -1.0 dB

Image Rejection Ratio 1.0 dB

Spurious Response Ratio 83 dB

IF Response Ratio 100 dB

Alternate Channel Selectivity 105 dB

WIDE 30 dB at 300 kHz

NARROW 60 dB at 300 kHz

AM Suppression Ratio 65 dB at 65 dBf

Stereo Separation Ratio 50 dB at 1,000 Hz

Subcarrier Product Ratio 40 dB at 50 Hz to 10,000 Hz

Antenna Impedance 70 dB

300Ω Balanced and

75Ω unbalanced

FM Frequency Range 88 MHz to 108 MHz

AM TUNER SECTION

Usable Sensitivity 10 μV (250 μV/m)

Signal to Noise Ratio 52 dB

Image Rejection 50 dB

Selectivity 50 dB

GENERAL

Power Consumption 5.3A (UL and CSA)

600W (IEC)

370W (rated power at 8Ω)

45W (non signal)

AC Outlet Switched 1. Unswitched 1

Dimensions W: 546 mm (21 1/2")

H: 172 mm (6 3/4")

D: 411 mm (16 3/16")

Weight (Net) 15 kg (33 lbs)

(Gross) 17.2 kg (37.9 lbs)

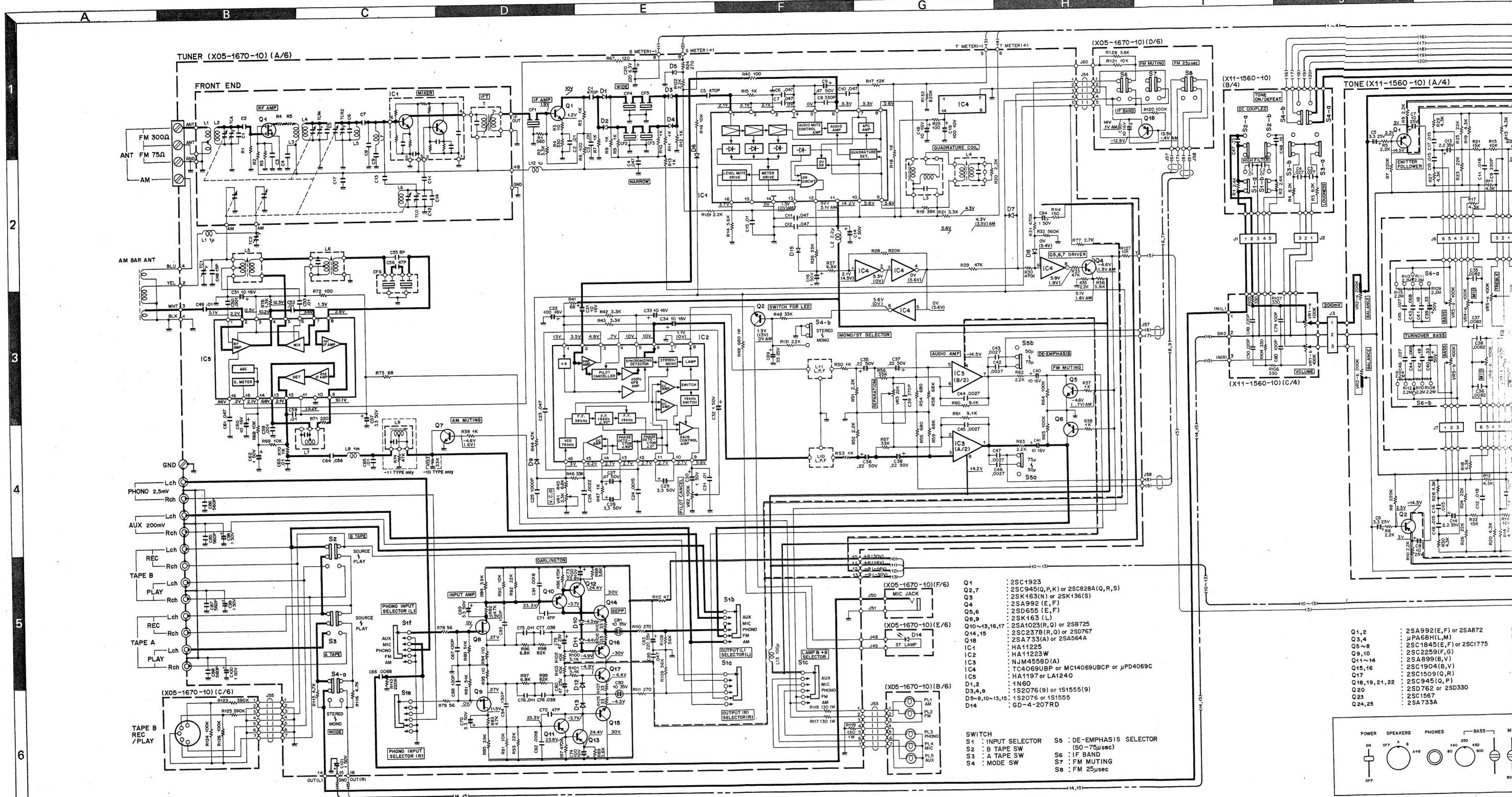
* Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifier in U.S.A.

Note: Kenwood follows a policy of continuous advancements in development.

For this reason specifications may be changed without notice.



HIGH SPEED DC STEREO



Q1 : 2SC1923
 Q2,7 : 2SC945(Q,P,K) or 2SC828A(Q,R,S)
 Q3 : 2SK163(N) or 2SK136(S)
 Q4 : 2SA992 (E,F)
 Q5,6 : 2SD655 (E,F)
 Q8,9 : 2SK163 (L)
 Q10~13,16,17 : 2SA1023(R,Q) or 2SB725
 Q14,15 : 2SC2378(R,Q) or 2SD767
 Q16 : 2SA564 (A)
 IC1 : HA11225
 IC2 : HA11223W
 IC3 : NJM4559D(A)
 IC4 : TA469UBP or MC14069UBCP or μPD4069C
 IC5 : HA1197 or LA1240
 D1,2 : 1N60
 D3,4,9 : 1S2076(9) or 1S1555(9)
 D5~8,10~13,15 : 1S2076 or 1S1555
 D14 : GD-4-207RD

SWITCH

S1 : INPUT SELECTOR

S2 : DE-EMPHASIS SELECTOR

(50~75μsec)

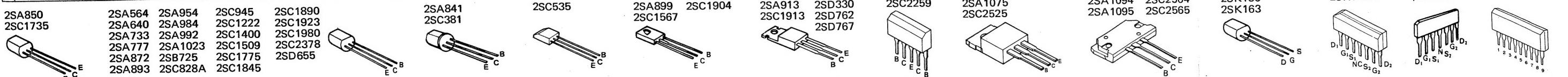
S3 : B TAPE SW

S4 : A TAPE SW

S5 : MODE SW

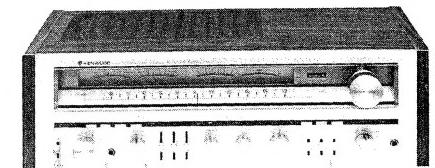
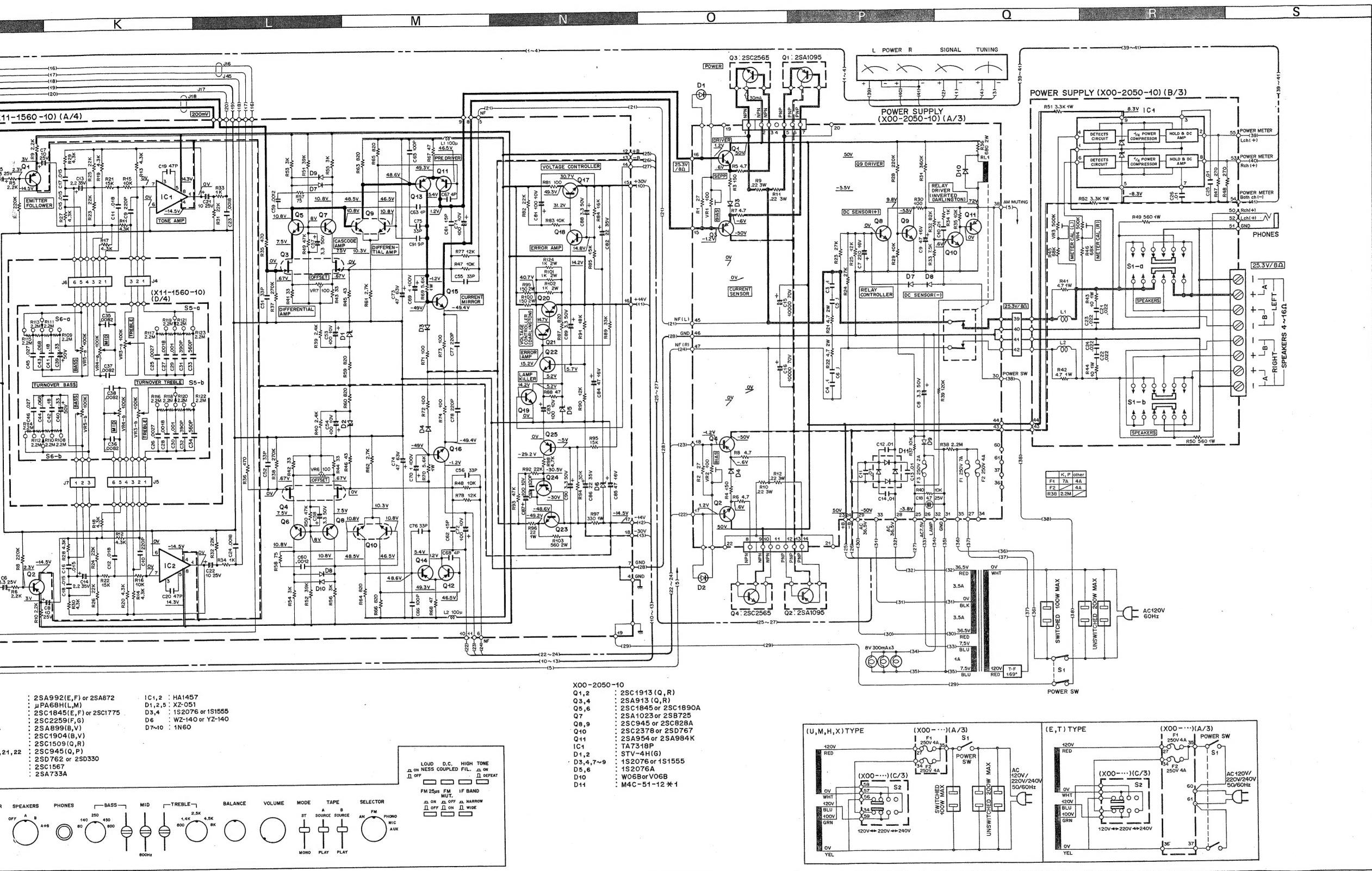
S6 : FM 25μsec

Q1,2 : 2SA992(E,F) or 2SA872
 Q3,4 : μPA68H(L,M)
 Q5,8 : 2SC1645(E,F) or 2SC1775
 Q9,10 : 2SC2259(F,G)
 Q11~14 : 2SA899(B,V)
 Q15,16 : 2SC1509(Q,R)
 Q17 : 2SC945(Q,P)
 Q20 : 2SD762 or 2SD330
 Q23 : 2SC1567
 Q24,25 : 2SA733A



ED DC STEREO RECEIVER

KR-7750 KR-7050



AMPLIFIER SECTION

Power Output
80 watts* per channel, minimum RMS, both channels driven at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.02% total harmonic distortion.

Both Channels Driven
into B1 at 1,000 Hz 85W + 85W
into B1 at 1,000 Hz 100W + 100W
Dynamic Power Output 360W at 4Ω
Total Harmonic Distortion (20 Hz - 20,000 Hz from AUX)
rated power into B1 0.02%
1W power into B1 0.007%
Intermodulation Distortion (60 Hz : 7 kHz = 4 : 1 SMPTE)
rated power into B1 0.007%
1W power into B1 0.009%
Slew Rate ±200 V/μsec
Rise Time 0.9 μsec
Damping Factor (20 Hz - 20 kHz at B1) 100
Input Sensitivity/Impedance
Phono 2.5 mV/50 kΩ
AUX and TAPE 200 mV/50 kΩ
MIC 3.6 mV/50 kΩ
Signal to Noise Ratio
(A weighted)
Phono 85 dB for 2.5 mV input
AUX and TAPE 108 dB for 200 mV input
MIC 72 dB for 2.5 mV input
Maximum Phono Input Level
at 1,000 Hz 200 mV (rms), THD 0.02%
Frequency Response
PHONO RIAA
Standard Curve 20 Hz to 20,000 Hz ±0.2 dB
AUX and TAPE DC to 320 kHz -3 dB
Tone Control
Bass (at 250 Hz) ±12 dB at 50 Hz
Mid ±10 dB at 800 Hz
Treble (at 2.5 kHz) ±12 dB at 15 kHz
Loudness Control
(VOL - 30 dB) +10 dB at 100 Hz
Subsonic Filter
(DC Coupled off) 18 Hz 6 dB/oct
High Filter 5 kHz 6 dB/oct
Output Level/Impedance
TAPE REC Out (Pin) 200 mV/300Ω
TAPE REC Out (DIN) 30 mV/80 kΩ

FM TUNER SECTION

Usable Sensitivity 10.3 dBf (1.8 μV)
50 dB Quieting Sensitivity
Mono 16.1 dBf (3.5 μV)
Stereo 37.9 dBf (43 μV)
Signal to Noise Ratio at 65 dB
Mono 83 dB
Stereo 75 dB
77 dB at 10 mV input

Total Harmonic Distortion
Mono 0.08%
Stereo 0.09%
Frequency Response 30 Hz to 15,000 Hz +0.5, -1.0 dB

Capture Ratio 1.0 dB
Image Rejection Ratio 83 dB
Spurious Response Ratio 100 dB
IF Response Ratio 105 dB
Alternate Channel Selectivity
WIDE 30 dB at 30 kHz
NARROW 60 dB at 30 kHz
AM Suppression Ratio 65 dB at 65 dB
Stereo Separation Ratio 50 dB at 1,000 Hz
40 dB at 50 Hz to 10,000 Hz

Subcarrier Product Ratio 70 dB
Antenna Impedance 3000 Balanced and
750 unbalanced
FM Frequency Range 88 MHz to 108 MHz

AM TUNER SECTION
Usable Sensitivity 10 μV (250 μV/m)
Signal to Noise Ratio 52 dB
Image Rejection 50 dB
Selectivity 50 dB

GENERAL
Power Consumption 5.3A (UL and CSA)
600W (IEC)
370W (rated power at B1)
45W (non signal)
AC Outlet Switched, Unswitched 1
W: 546 mm (21-1/2")
H: 172 mm (6-3/4")
D: 350 mm (13-3/16")
Weight (Net) 15 kg (33 lbs)
(Gross) 17.2 kg (37.9 lbs)

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